

Light-Sport Aircraft Maintenance and Certification Requirements

	Ultralights, part 103--254 pounds EW	ELSA under §21.191 (I)--13,20 lbs MTOW	SLSA under §21.190-- 1320 pounds MTOW	Amateur-built under §21.191 (g)--no MTOW	Primary aircraft under §21.24--2700 pounds MTOW	Standard aircraft under §21.21 --No MTOW
Registration "N" number	None	Yes	Yes	Yes	Yes	Yes
Airworthiness Certificate	None	Yes	Yes	Yes	Yes	Yes
Operating privileges and limits (may be restricted by pilot certificate or aircraft operation limitations)	Day, VFR, Congested and uncongested areas, Class A, B, C, D, and surface-based E airspace; ATC permission required (no equipment required), Class E and G airspace, No passengers, Flight training (under part 103 two-place training exemption), Towing (under part 103 towing exemption)	Day/Night, VFR/IFR, Congested and uncongested areas, Class A, B, C, D, E and G airspace; (with part 91 equipment), One passenger, Limited flight training (5 years under §91.319 (e)(2)), Towing existing fleet (under §91.319 (e)(1))	Day/Night, VFR/IFR, Congested and uncongested areas, Class A, B, C, D, E and G airspace; (with part 91 equipment), One passenger, Flight training and rental, Towing	Day/Night, VFR/IFR, Congested and uncongested areas, Class A, B, C, D, E and G airspace; (with part 91 equipment),	Day/Night, VFR/IFR, Congested and uncongested areas, Class A, B, C, D, E and G airspace; (with part 91 equipment), Flight training and rental, Towing	Day/Night, VFR/IFR, Congested and uncongested areas, Class A, B, C, D, E and G airspace; (with part 91 equipment), Flight training and rental, Commercial operations
Maintenance	None	Training Requirements	Maintenance--Repairman (LS-M), Mechanic (A&P), Part 145 Repair station; Preventive maintenance, Sport pilot or higher	Owner-maintained	Maintenance--Mechanic (A&P), Part 145 Repair station; Preventive Maintenance--Recreational pilot or higher	Maintenance--Mechanic (A&P), Part 145 Repair station; Preventive Maintenance--Recreational pilot or higher
Inspections	None (1)	Annual Condition--Repairman LS -I and LS-M, Mechanic (A&P), Part 145 Repair station; 100-hour condition (2)--Repairman LS-M, Mechanic (A&P), Part 145 Repair Station	Annual condition--Repairman LS - M, Mechanic (A&P), Part 145 repair station; 100-hour condition (3)--Repairman LS-M, Mechanic (A&P), Part 145 Repair station	Annual condition--Repairman (experimen-tal aircraft builder), Mechanic (A&P), Part 145	Annual condition--Mechanic (A&P), Part 145 repair station; 100 hour condition (4)--Mechanic (A&P), Part 145 Repair station	Annual condition--Mechanic (A&P), Part 145 repair station; 100 hour condition (4)--Mechanic (A&P), Part 145 Repair station
Airworthiness Directives	None	None Issued against ELSA	Yes - Type certificated TC/STC/PMA/TSO-approved products, if installed	None issued against amateur-built aircraft	Yes	Yes
Safety Directives	None	None	Yes - Type certificated TC/STC/PMA/TSO-approved products, if installed	None	None	None
FAA Type or Production Certificate	No	No	No	No	Yes	Yes
Consensus Standard	No	No (5)	Yes	No	No	No

(1) For two-place ultralight training vehicles operating under an exemption and registered with an FAA-recognized ultralight organization—100-hour condition inspection done by ultralight instructor registered with an FAA-recognized ultralight organization. (2) Applies to training aircraft used for compensation until January 31, 2010, and tow aircraft used for compensation. (3) Applies to aircraft used for flight training or towing for compensation. (4) Applies to aircraft used for flight instruction for hire—§91.409. (5) ELSA—Kit-built (§ 21.191(i)(2)(ii)) or aircraft that have been previously issued a special airworthiness certificate in the lightsport category (§ 21.191(i)(3)) meet consensus standards.